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Total Number of Pages in This Submission

Application Number	10/564,697
Filing Date	January 11, 2006
First Named Inventor	Jens Jensen
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	035873/US/2 - 475396-00164

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): PTO-1449 form with 23 references and Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Dorsey & Whitney, L.L.P.		
Signature			
Printed name	Gary Abelev, Esq.		
Date	February 8, 2006	Reg. No.	Reg. No. 40,479

CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Gary Abelev, Esq.	Date	February 8, 2006

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035873/US/2 - 475396-00164
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Jens Jensen et al.

Serial No. : 10/564,697

Filed : January 11, 2005

Entitled : METHOD, SYSTEM AND SOFTWARE ARRANGEMENT FOR
MEASURING MAGNETIC FIELD CORRELATION

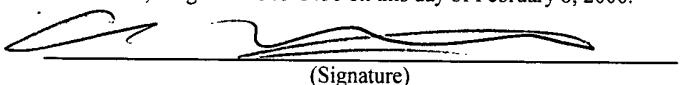
Group Art Unit : To be assigned

Examiner : To be assigned

INFORMATION DISCLOSURE STATEMENT

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(Signature)

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449, and respectfully request that the listed documents be considered by the Examiner and made of record in the above-captioned application. Copies of the articles listed on the Form PTO-1449 are enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under

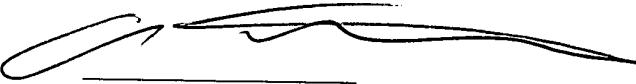
United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

This submission is being filed before any action by the U.S. Patent and Trademark Office on the merits. Therefore, applicants do not believe that any fee is due in connection with the submission of this paper. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 50-2054.

Respectfully submitted,

DORSEY & WHITNEY, LLP



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Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
035783/US/2 - 475396-
00164

Reissue Serial No.
10/564,697

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(use several sheets if necessary)



Applicant(s)
Jens Jensen et al.

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Group
To be assigned

U.S. PATENT DOCUMENTS

*Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENT

		Document No.	Date	Country	Class	SubClass	Translator Yes No

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

		Dixon WT, "Simple Proton Spectroscopic Imaging", Radiology 1984; 153; pages 189-194.
		Rodney Brooks et al., "Relaxometry and Magnetometry of Ferritin", Magnetic Resonance in Medicine, 1998; 40; pages 227-235
		Norbert G. Campeau et al., "Hippocampal Transverse Relaxation Times in Patients with Alzheimer Disease" Radiology 1997; 205; pages 197-201.
		J.R. Connor et al., "Cellular Distribution of Transferrin, Ferritin, and Iron in Normal and Aged Human Brains", Journal of Neuroscience Research, 1990; 27; pages 595-611.
		K. Ganesan et al., "New Technique for Obtaining NMR Linewidth Images of Lung and Other Inhomogeneously Broadened Systems", Journal of Magnetic Resonance (B), 1993; 102; pages 293-298.
		Benjamin B. Gelman, "Iron in CNS Disease", Journal of Neuroscience Research, 1995; 54; pages 477-486.
		M. Gerlach et al., "Altered Brain Metabolism of Iron as a Cause of Neurodegenerative Disease?", Journal of Neurochemistry, 1994; 63; pages 793-807.
		B. Hallgren et al., "The Effect of Age on the Non-Haemin Iron in the Human Brain", Journal of Neurochemistry, 1958; 3; pages 41-51.
		B.E. Hoppel et al., "Measurement of Regional Blood Oxygenation and Cerebral Hemodynamics", Magnetic Resonance in Medicine, 1993; 30; pages 715-723

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Richard P. Kennan et al., "Intravascular Susceptibility Contrast Mechanisms in Tissues", Magnetic Resonance in Medicine, 1994; 31; pages 9-21.
		Domingo J. Piñero et al., "Iron in the Brain: An Important Contributor in Normal and Diseased States" Neuroscientist, 2000; 6; pages 435-453.
		Herbert Rosenthal et al., "Magnetic Susceptibility Effects of Trabecular Bone on Magnetic Resonance Imaging of Bone Marrow", Investigative Radiology, 1990; 25; pages 175-178.
		R.E. Sepponen et al., "A Method for Chemical Shift Imaging: Demonstration of Bone Marrow Involvement with Proton Chemical Shift Imaging", Journal of Computer Assisted Tomography, 1984; 8; pages 585-578.
		Lara A. Stables et al., "Asymmetric Spin-Echo Imaging of Magnetically Inhomogeneous Systems: Theory, Experiment, and Numerical Studies", Magnetic Resonance in Medicine, 1998; 40; pages 432-442.
		Aaron Szafer et al., "Theoretical Model for Water Diffusion in Tissues", Magnetic Resonance in Medicine, 1995; 33; pages 697-712.
		Keith R. Thulborn et al., "The Role of Ferritin and Hemosiderin in the MR Appearance of Cerebral Hemorrhage: A Histopathologic Biochemical Study in Rats", American Journal of Neuroradiology; 1990;11; pages 291-297.
		Josef Vymazal et al., "The Relation Between Brain Iron and NMR Relaxation Times: An in Vitro Study", Magnetic Resonance in Medicine, 1996; 35; pages 56-61.
		Robert M. Weisskoff et al., "Microscopic Susceptibility Variation and Transverse Relaxation: Theory and Experiment", Magnetic Resonance in Medicine, 1994; 31; pages 601-610.
		G.L. Wismer et al., "Susceptibility Induced MR Line Broadening: Applications to Brain Iron Mapping", Journal of Computer Assisted Tomography, 1988; 12; pages 259-265.
		Frank Q. Ye et al., "Estimation of the Iron Concentration in Excised Gray Matter by Means of Proton Relaxation Measurements", Magnetic Resonance in Medicine, 1996a; 35; pages 285-289.
		Frank Q. Ye et al., "Estimation of the Iron in Vivo by Means of the Intercho Time Dependence of Image Contrast", Magnetic Resonance in Medicine, 1996b; 36; pages 153-158.
		PCT Written Opinion for International Application No. PCT/US2004/022163 filed July 8, 2004.
		PCT International Preliminary Report on Patentability for International Application No. PCT/US2004/022163 filed July 8, 2004.

4830-2966-8864\I

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